

Appendix A: Effective (Isotropic) Radiated Power Output Data

LTE Band 7 Test Result

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	20.98	/	PASS
		1	12	21.13	/	PASS
		1	24	21.14	/	PASS
		12	0	20.33	/	PASS
		12	6	20.68	/	PASS
		12	13	20.53	/	PASS
		25	0	20.69	/	PASS
	MCH	1	0	21.15	/	PASS
		1	12	20.85	/	PASS
		1	24	21.26	/	PASS
		12	0	20.08	/	PASS
		12	6	20.08	/	PASS
		12	13	20.16	/	PASS
		25	0	20.09	/	PASS
	HCH	1	0	21.18	/	PASS
		1	12	20.93	/	PASS
		1	24	21.25	/	PASS
		12	0	20.73	/	PASS
		12	6	20.81	/	PASS
		12	13	20.32	/	PASS
		25	0	20.44	/	PASS
16QAM	LCH	1	0	20.53	/	PASS
		1	12	20.42	/	PASS
		1	24	20.67	/	PASS
		12	0	20.41	/	PASS
		12	6	20.35	/	PASS
		12	13	21.22	/	PASS
		25	0	20.95	/	PASS
	MCH	1	0	21.20	/	PASS
		1	12	20.58	/	PASS
		1	24	20.60	/	PASS
		12	0	20.69	/	PASS
		12	6	20.44	/	PASS
		12	13	20.70	/	PASS

		25	0	20.66	/	PASS
	HCH	1	0	20.66	/	PASS
		1	12	20.45	/	PASS
		1	24	20.33	/	PASS
		12	0	20.30	/	PASS
		12	6	19.78	/	PASS
		12	13	19.65	/	PASS
		25	0	19.79	/	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	20.93	/	PASS
		1	24	20.44	/	PASS
		1	49	21.21	/	PASS
		25	0	19.91	/	PASS
		25	12	19.90	/	PASS
		25	25	20.03	/	PASS
		50	0	19.87	/	PASS
	MCH	1	0	20.87	/	PASS
		1	24	20.23	/	PASS
		1	49	20.79	/	PASS
		25	0	19.77	/	PASS
		25	12	19.67	/	PASS
		25	25	19.95	/	PASS
		50	0	19.69	/	PASS
	HCH	1	0	21.57	/	PASS
		1	24	20.87	/	PASS
		1	49	20.77	/	PASS
		25	0	20.16	/	PASS
		25	12	19.98	/	PASS
		25	25	20.07	/	PASS
		50	0	20.26	/	PASS
16QAM	LCH	1	0	20.55	/	PASS
		1	24	20.25	/	PASS
		1	49	20.54	/	PASS
		25	0	19.69	/	PASS
		25	12	19.84	/	PASS
		25	25	21.54	/	PASS
		50	0	20.72	/	PASS
	MCH	1	0	21.01	/	PASS

		1	24	20.19	/	PASS
		1	49	20.32	/	PASS
		25	0	20.06	/	PASS
		25	12	20.30	/	PASS
		25	25	20.57	/	PASS
		50	0	20.03	/	PASS
	HCH	1	0	20.60	/	PASS
		1	24	20.25	/	PASS
		1	49	20.33	/	PASS
		25	0	20.18	/	PASS
		25	12	19.41	/	PASS
		25	25	19.57	/	PASS
		50	0	19.38	/	PASS

Channel Bandwidth: 15 MHz

Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	20.41	/	PASS
		1	37	20.72	/	PASS
		1	74	20.62	/	PASS
		37	0	19.92	/	PASS
		37	18	19.77	/	PASS
		37	38	20.15	/	PASS
		75	0	20.23	/	PASS
	MCH	1	0	20.50	/	PASS
		1	37	20.55	/	PASS
		1	74	20.12	/	PASS
		37	0	19.59	/	PASS
		37	18	19.77	/	PASS
		37	38	20.25	/	PASS
		75	0	20.43	/	PASS
	HCH	1	0	19.80	/	PASS
		1	37	20.36	/	PASS
		1	74	20.03	/	PASS
		37	0	19.21	/	PASS
		37	18	19.35	/	PASS
		37	38	19.25	/	PASS
		75	0	19.00	/	PASS
16QAM	LCH	1	0	20.08	/	PASS
		1	37	19.61	/	PASS
		1	74	19.53	/	PASS

		37	0	20.95	/	PASS
		37	18	21.13	/	PASS
		37	38	20.99	/	PASS
		75	0	20.34	/	PASS
	MCH	1	0	20.52	/	PASS
		1	37	20.63	/	PASS
		1	74	20.54	/	PASS
		37	0	20.98	/	PASS
		37	18	20.48	/	PASS
		37	38	20.63	/	PASS
		75	0	19.82	/	PASS
	HCH	1	0	19.34	/	PASS
		1	37	20.28	/	PASS
		1	74	20.16	/	PASS
		37	0	20.25	/	PASS
		37	18	20.86	/	PASS
		37	38	20.18	/	PASS
		75	0	20.36	/	PASS

Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Average Power [dBm]	E.i.r.p [dBm]	Verdict
		Size	Offset			
QPSK	LCH	1	0	21.04	/	PASS
		1	49	21.07	/	PASS
		1	99	21.02	/	PASS
		50	0	20.28	/	PASS
		50	25	20.07	/	PASS
		50	50	20.14	/	PASS
		100	0	20.28	/	PASS
	MCH	1	0	21.07	/	PASS
		1	49	20.60	/	PASS
		1	99	21.22	/	PASS
		50	0	20.05	/	PASS
		50	25	19.66	/	PASS
		50	50	21.03	/	PASS
		100	0	20.84	/	PASS
	HCH	1	0	21.05	/	PASS
		1	49	20.37	/	PASS
		1	99	20.74	/	PASS
		50	0	20.33	/	PASS
		50	25	20.36	/	PASS

		50	50	20.15	/	PASS
		100	0	20.45	/	PASS
16QAM	LCH	1	0	20.60	/	PASS
		1	49	19.21	/	PASS
		1	99	19.59	/	PASS
		50	0	21.77	/	PASS
		50	25	20.73	/	PASS
		50	50	21.35	/	PASS
		100	0	21.42	/	PASS
		MCH	1	0	21.31	/
	1		49	21.03	/	PASS
	1		99	21.67	/	PASS
	50		0	21.43	/	PASS
	50		25	20.28	/	PASS
	50		50	21.57	/	PASS
	100		0	21.26	/	PASS
	HCH	1	0	21.23	/	PASS
		1	49	20.90	/	PASS
		1	99	20.95	/	PASS
		50	0	21.20	/	PASS
		50	25	20.91	/	PASS
		50	50	20.75	/	PASS
		100	0	20.92	/	PASS